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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

TECHNICAL NOTE

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FENCE POST MODIFICATION

Present Practice: Fences crossing depressions with rock bottoms are usually weighted down by tying rocks to post and wire. Weights have a tendency to fall off.

Holes must be drilled in rocks for standard steel posts without any means of retaining the post in the hole other than by weights.

Recommended Change: Using a section of 1 1/4 inch standard pipe cut to post length with a bar welded at the bottom wire level, and the pipe split approximately 1 1/2 inches up the bottom plus a tapered steel expanding plug (cost less than $2.00).

The expanding plug is inserted in split end of pipe and then driven against the bottom of hole drilled in the rock. The pipe will expand against the bottom wall of the hole and hold the fence securely down at the proper level.

The fence wire can be tied with tie wire to the pipe at proper intervals starting from the welded bar upward.

This information is as a result of an employee suggestion by Melvin L. Schilling of Montrose, Colorado and adopted for publication by the Field Incentive Awards Committee.

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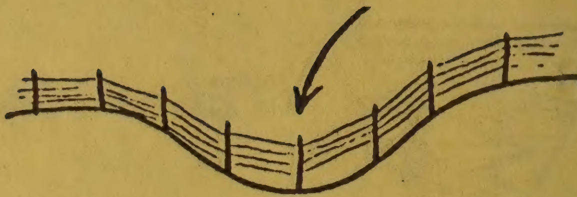
USE: When rock outcrops in bottom of low sections of fence.



PURPOSE: To prevent pull up of post by tight wire by expanding bottom of a pipe post.

METHOD: Machine a steel tapered plug and insert in end of pipe with presplit end. Drive pipe down over plug and expand end at bottom of drill hole. Work only in solid rock.